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CENTRAL INTELLIGENCE AGENCY

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REPORT CD NO.

COUNTRY Poland

ACQUIRED

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SUBJECT Power Stations in the Katowice Area

DATE OF INFO. PLACE

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pil filled vables in the Katowice area. Laziska Gorne (Q51/Y45), completed in January or Febinstallations were made: ruary 1950; Chorzow (Q51/Y57), completed in September 1950; Miechowice, completed in January 1952; and Zabrze (Hindenburg), completed in May or June 1952.

- The cable installed at Laziaka Gorne consisted of one feeder 4 sq. in. 66 kv cable.
- 3. The installation at Chorzow consisted of two feeders 75 sq. in. 66 kw cables limking transformers of 60 mva each to switchgear.
- The installation at Miechowice consisted of four feeders .3 sq. in. 110 kv calles linking four 75 mva transformers to switchgear.
- The Miechowice station is a new one. It was originally built by the Germans and the plant was subsequently stripped by the Russians. It is now being put back into service. Equipment for Miechowice is being purchased from a variety of 50X1-HUM boilers from Czechosicwakia
- The total output of the Miechowice station is 300 mva. Generation is at 11 kv and transmission by 100 ky lines.
- Drawings supplied by the Poles in 1950 showed that the lines went to Chorzow (2 lines), Zabrze (2 lines), Zdzieszol (2 lines), Sprzeglo A. Zachod B., and Sprzeglo A. Wschod B.

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8.	Subsequent drawings supplied by the Poles in 1952 were similar to those supplied in 1950, but the names of the destinations of the lines were deleted. However, it can be assumed almost certainly that the destinations are those given in the preceding paragraph, as the destinations of the lines to Chorzow, Zabrze, and Sprzeglo are to be seen painted on the installations at Miechowice.
9.	The Poles are making every effort to get the Mischowice station working as soon as possible. In the middle of June 1952 one generator was practically ready for operation. The other three generators are, however, a long way behind and it would appear that they will not be in operation for 18 months or two years.
10.	At Zabrze in. 60 kv linking transformers to swichgear. The Zabzre station is an old station which was stripped of much of its equipment by the Russians. The transformer connected to the new cables 50X1-HUM two feeders .15 sq. in. 110 kv and .5 sq. in. 60 kv and .5 sq. in. 60 kv and .5 sq. in. 60 kv and .5 sq. in. 110 kv and .5 sq. in. 110 kv and .5 sq. in. 60 kv and .60 kv a
11.	The Poles are planning to install another 45 mva 6kv/60kv/110kv transformer exactly similar to the existing one Three other 60 kv transformers are in operation in the station. 5 50X1-HUN
12.	Not all the overhead line destinations were obtainable, but some were. The Gliwice (Gleiwitz) (two lines), Zabrze (two lines) and Chorzow (one line) lines were 60 kv while the line to Edmund (sic) was 110 kv.
13.	In addition to those mentioned above, other power stations exist in the Katowice area, one of which is at Gliwice. Another new station (precise position not known) is believed to have been designed and installed by the Russians, and is operating in the neighborhood.
14.	All power stations in the $^{\rm K}$ atowice area are coal stations and generation is by steam turbine.
1 5.	Settlement of the structure at Chorzow recently damaged some cables. The cables concerned were German oil filled cables. The cables had to be cut and jointed and, at this time, the Poles carried out some investigation into the German joints with a view of copying them. 50X1-HUM
	l. Comment: Zdzieszo cannot be located, but zdzieszowice (Odertal - 5024N 1807E).
	2. Comment: Sprzegio is probably not a locality or city as report suggests, but a coupling. Therefore, translation of Sprzeglo A. Zachod B. and Wschod B. is Coupling A West B and Coupling A East B.
	3. Comments the equipment of the Zabrze power station was predomirantly of Czech origin and the three turbines were producing 80,000 kv daily.

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